

WE CLAIM:

1. A reflecting mirror comprising a sheet of an alkali metal-zinc-borosilicate glass bonded to a reflecting surface, the glass sheet having a thickness less than 0.5 mm, and being doped with Nd_2O_3 in an amount sufficient to substantially reduce the spectral transmission of the glass in the wavelength range of 565-595 nm.
2. A reflecting mirror in accordance with claim 1 wherein the glass sheet has a thickness of 0.3 to 0.4 mm.
3. A reflecting mirror in accordance with claim 1 wherein the transmitted radiation at a wavelength of 585 nm is less than 50%.
4. A reflecting mirror in accordance with claim 3 wherein the transmitted radiation at 585 nm is less than 30%.
5. A reflecting mirror in accordance with claim 1 wherein the glass is doped with at least 5% Nd_2O_3 by weight.
6. A reflecting mirror in accordance with claim 1 wherein the reflecting surface is a silver coating on the back of the glass sheet.
7. A thin sheet of alkali metal-zinc-borosilicate glass containing sufficient Nd_2O_3 to reduce the transmission of radiation at a wavelength of 585 nm to a value less than 50%.
8. A glass sheet in accordance with claim 7 in which the content of Nd_2O_3 is at least 5% by weight.
9. A glass sheet in accordance with claim 7 wherein the sheet has a thickness less than 0.5 mm.

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10. A glass sheet in accordance with claim 7 wherein the glass has a liquidus viscosity of at least 20,000 poises and a softening point temperature in the range of 700-750° C.

11. A glass sheet in accordance with claim 7 wherein the glass has a composition, expressed in weight percent on an oxide basis, consisting essentially of the following oxides within the indicated ranges:

SiO ₂	55-70%
Al ₂ O ₃	0.5-4.5%
B ₂ O ₃	6-14%
ZnO	3-10%
Na ₂ O	5-11%
K ₂ O	2-9%
Na ₂ O+K ₂ O	7-20%
Nd ₂ O ₃	at least 5%

501/64